



SEQUENCE LISTING

<110> de Belle, Ian
Adamson, Eileen
Mercola, Dan

<120> Isolation and Identification of Control Sequences and
Genes Modulated by Transcription Factors

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<170> PatentIn Ver. 2.0

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Met Arg Asp His Ile Asp Tyr Arg Cys Cys Leu Pro Pro Ala

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Gly Trp Cys Pro Leu Gly Pro Gln Cys Pro Gln Ser His Asp Ile Asp

35 40 45

cct atc att gac act gat gag gct gcg gca gag gac aag cgg cga cgg 1154

Pro Ile Ile Asp Thr Asp Glu Ala Ala Ala Glu Asp Lys Arg Arg Arg

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cga cga cgt agg gaa aaa cgg aag agg gct tta ttg aac cta ccg ggg 1202

Arg Arg Arg Arg Glu Lys Arg Lys Arg Ala Leu Leu Asn Leu Pro Gly

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Thr Gln Thr Ser Gly Glu Ala Lys Asp Gly Pro Pro Lys Lys Gln Val

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Cys Gly Asp Ser Ile Lys Pro Glu Glu Thr Glu Gln Glu Val Ala Ala

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gat gaa act agg aac ctg cct cac tcc aag caa ggc aac aaa aat gac 1346

Asp Glu Thr Arg Asn Leu Pro His Ser Lys Gln Gly Asn Lys Asn Asp

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Leu Glu Met Gly Ile Lys Ala Ala Arg Pro Glu Ile Ala Asp Arg Ala

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Thr Ser Glu Val Pro Gly Ser Gln Ala Ser Pro Asn Pro Val Pro Gly

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Gly Gly Leu His Arg Ala Gly Phe Asp Ala Phe Met Thr Gly Tyr Val

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Met Ala Tyr Val Glu Val Ser Gln Gly Pro Gln Pro Cys Ser Ser Gly

175 180 185 190

ccc tgg ctc cct gaa tgc cac aat aag gta tat ttg agt ggc aaa gct 1586

Pro Trp Leu Pro Glu Cys His Asn Lys Val Tyr Leu Ser Gly Lys Ala

195 200 205

gta ccc ctc aca gtg gcc aag agc cag ttc tct cgt tcc tcc aaa gcc 1634

Val Pro Leu Thr Val Ala Lys Ser Gln Phe Ser Arg Ser Ser Lys Ala

210 215 220

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His Asn Gln Lys Met Lys Leu Thr Trp Gly Ser Ser

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35 40 45

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50 55 60

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65 70 75 80

Thr Ser Gly Glu Ala Lys Asp Gly Pro Pro Lys Lys Gln Val Cys Gly

85 90 95

Asp Ser Ile Lys Pro Glu Glu Thr Glu Gln Glu Val Ala Ala Asp Glu

100 105 110

Thr Arg Asn Leu Pro His Ser Lys Gln Gly Asn Lys Asn Asp Leu Glu

115 120 125

Met Gly Ile Lys Ala Ala Arg Pro Glu Ile Ala Asp Arg Ala Thr Ser

130 135 140

Glu Val Pro Gly Ser Gln Ala Ser Pro Asn Pro Val Pro Gly Gly Gly

145 150 155 160

Leu His Arg Ala Gly Phe Asp Ala Phe Met Thr Gly Tyr Val Met Ala

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Tyr Val Glu Val Ser Gln Gly Pro Gln Pro Cys Ser Ser Gly Pro Trp

180 185 190

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 ggagatattt tacaatttc atattaacgt ttcaattct ggtgtgaatt ttactcac 240
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gctattatgt ccaaaatgc agctctangg atgaggacag ttacagaag atacttgag 60
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 aagaaaaag anggaggctg ttgtancata aaatacttag ggacatacaa taaaaacagt 240
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 35 40 45
 Pro Ser Leu Leu Ala Ile Lys Thr Ala Asn Phe Val Ala Val Asp Thr
 50 55 60
 Glu Leu Ser Gly Leu Gly Asp Arg Lys Ser Leu Leu Asn Gln Cys Ile
 65 70 75 80
 Glu Glu Arg Tyr Lys Ala Val Cys His Ala Ala Arg Thr Arg Ser Ile
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 Leu Ser Leu Gly Leu Ala Cys Phe Lys Arg Gln Pro Asp Lys Gly Glu
 100 105 110
 His Ser Tyr Leu Ala Gln Val Phe Asn Leu Thr Leu Leu Cys Met Glu
 115 120 125
 Glu Tyr Val Ile Glu Pro Lys Ser Val Gln Phe Leu Ile Gln His Gly
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 Phe Asn Phe Asn Gln Gln Tyr Ala Gln Gly Ile Pro Tyr His Lys Gly
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 Asn Asp Lys Gly Asp Glu Ser Gln Ser Gln Ser Val Arg Thr Leu Phe
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 Ile Asp Leu Val Phe Leu Tyr Gln Asn Phe Tyr Ala His Leu Pro Glu
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 Ser Leu Gly Thr Phe Thr Ala Asp Leu Cys Glu Met Phe Pro Ala Gly
 210 215 220
 Ile Tyr Asp Thr Lys Tyr Ala Ala Glu Phe His Ala Arg Phe Val Ala
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 Ser Tyr Leu Glu Tyr Ala Phe Arg Lys Cys Glu Arg Glu Asn Gly Lys
 245 250 255
 Gln Arg Ala Ala Gly Ser Pro His Leu Thr Leu Glu Phe Cys Asn Tyr
 260 265 270
 Pro Ser Ser Met Arg Asp His Ile Asp Tyr Arg Cys Cys Leu Pro Pro
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Gly Thr Gln Thr Ser Gly Glu Ala Lys Asp Gly Pro Pro Lys Lys Gln			
	355	360	365
Val Cys Gly Asp Ser Ile Lys Pro Glu Glu Thr Glu Gln Glu Val Ala			
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Ala Asp Glu Thr Arg Asn Leu Pro His Ser Lys Gln Gly Asn Lys Asn			
385	390	395	400
Asp Leu Glu Met Gly Ile Lys Ala Ala Arg Pro Glu Ile Ala Asp Arg			
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Ala Thr Ser Glu Val Pro Gly Ser Gln Ala Ser Pro Asn Pro Val Pro			
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Gly Gly Gly Leu His Arg Ala Gly Phe Asp Ala Phe Met Thr Gly Tyr			
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Val Met Ala Tyr Val Glu Val Ser Gln Gly Pro Gln Pro Cys Ser Ser			
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Gly Pro Trp Leu Pro Glu Cys His Asn Lys Val Tyr Leu Ser Gly Lys			
465	470	475	480
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